

Converting Colors

Hex(5F4EA5)

Have a look what the booklet for
Hex(5F4EA5) contains.

Hex(5F4EA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F4EA5)

Conversions

Conversions Part 1

Format	Color
Hex	5F4EA5
RGB	95, 78, 165
RGB Percent	37%, 31%, 65%
CMY	0.6275, 0.6941, 0.3529
CMYK	0.42, 0.53, 0.00, 0.35
HSL	252°, 36%, 48%
HSV	252°, 53%, 65%
XYZ	14.2352, 10.5983, 36.8927
YIQ	93.0010, -17.7950, 30.6610

Conversions

Conversions Part 2

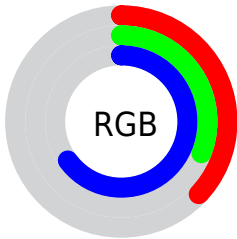
Format	Color
R_{YB}	95, 78, 165
Decimal	6246053
CIE _{Lab}	38.90, 28.91, -44.78
CIE _{LCh}	39, 53.304, 302.845
Yxy	10.5983, 0.2306, 0.1717
Android (android.graphics.Color)	4284436133 (0xFF5F4EA5)
YUV	93.0010, 35.4955, 1.7531
Hunter-Lab	32.5550, 21.0809, -44.4014

Details

The Hex color **5F4EA5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **94A54E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **957FDD**, and **292170** is the 20% darker color. If you saturate the color by 10%, you get **523EA5**, and if you desaturate by 10%, it is **6C5EA5**.

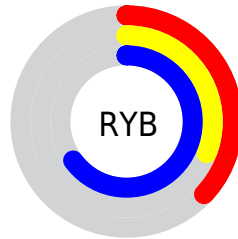
Distribution



Red (37%)

Green (31%)

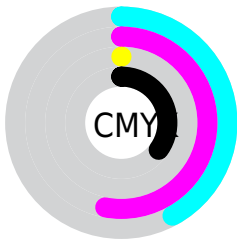
Blue (65%)



Red (37%)

Yellow (31%)

Blue (65%)

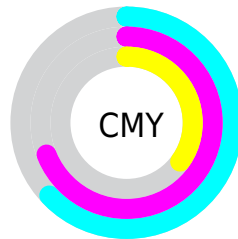


Cyan (42%)

Magenta (53%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4EA5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5F4EA5 by changing the saturation by 10% instead.

■ 5F4EA5

■ 5F4EA5

FFFFFF

■ 44378A

■ 957FDD

■ 292170

■ B19AF9

■ 040C57

■ CEB5FF

■ 000040

■ EAD0FF

■ 000328

■ FFECFF

■ 000112

■ 000000

■ 5F4EA5

■ 5F4EA5

■ 523EA5

■ 6C5EA5

■ 442DA5

■ 7A6FA5

■ 371DA5

■ 8780A5

■ 2A0CA5

■ 9490A5

■ 2000A5

■ A1A1A5

■ AFB1A5

■ BCC2A5

■ C9D2A5

■ D6E3A5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0060B3



5F4EA5



923884

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5F4EA5



8D4A03



006F5F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5F4EA5



94A54E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006C31



5F4EA5



6B5B00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5F4EA5



A3352F



3F6600



006F8A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5F4EA5



A32D68



3F6600



006E4F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5F4EA5



BBB4D6



4E95A5



5B576B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5F4EA5



6A4FD6



894EA5



4B4952



1C0091



030012

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A54E94



D64FBC



6AA54E



524950



910075



12000E

Previews

White Background



This preview shows how the Hex color 5F4EA5 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5F4EA5 Background



This preview shows how black text looks on a background with the Hex color 5F4EA5.

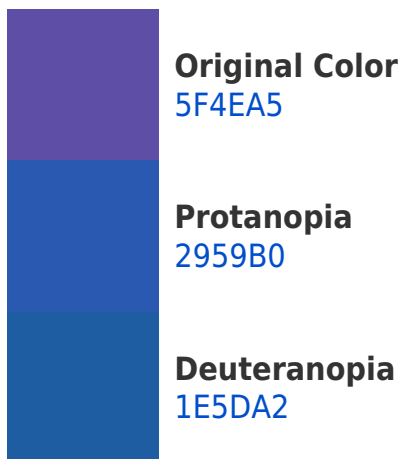


This preview shows how white text looks on a background with the Hex color 5F4EA5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4F5E65

Trichromacy



Original Color
5F4EA5

Protanomaly
3D55AC

Deuteranomaly
3658A3

Tritanomaly
55587C

Monochromacy



Original Color
5F4EA5

Achromatopsia
5D5D5D

Achromatomaly
5E5877

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4EA5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5F4EA5 looks like.

```
.text, #text, p{  
    color:#5F4EA5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5F4EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4EA5
}
```

Border

The CSS property to change the border of an element to Hex 5F4EA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4EA5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5F4EA5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5F4EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4EA5; -webkit-box-shadow:4px 4px  
4px 4px #5F4EA5; box-shadow:4px 4px 4px  
4px #5F4EA5 }
```

Background

The CSS property to change the background color of an element to Hex 5F4EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4EA5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5F4EA5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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